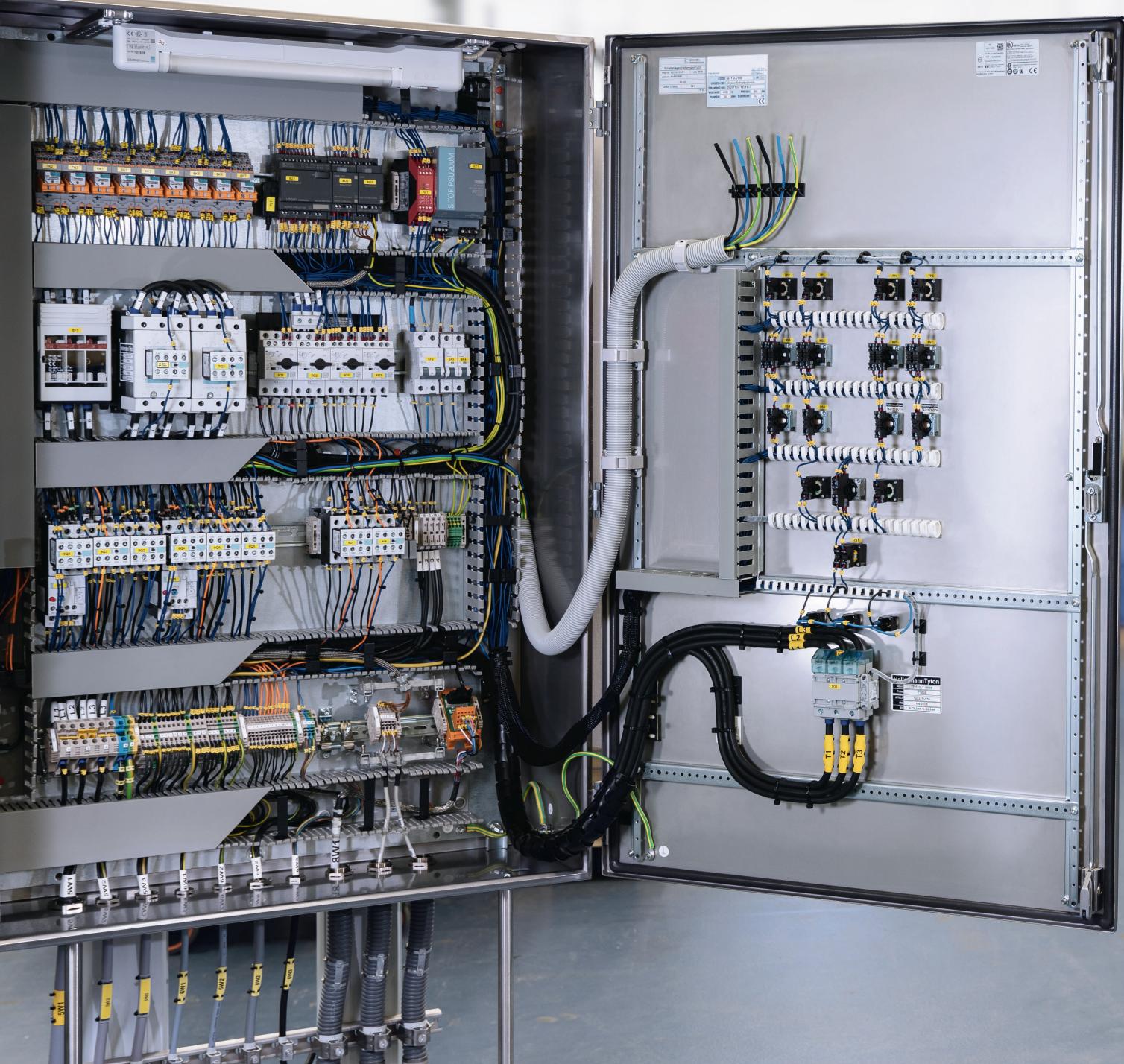
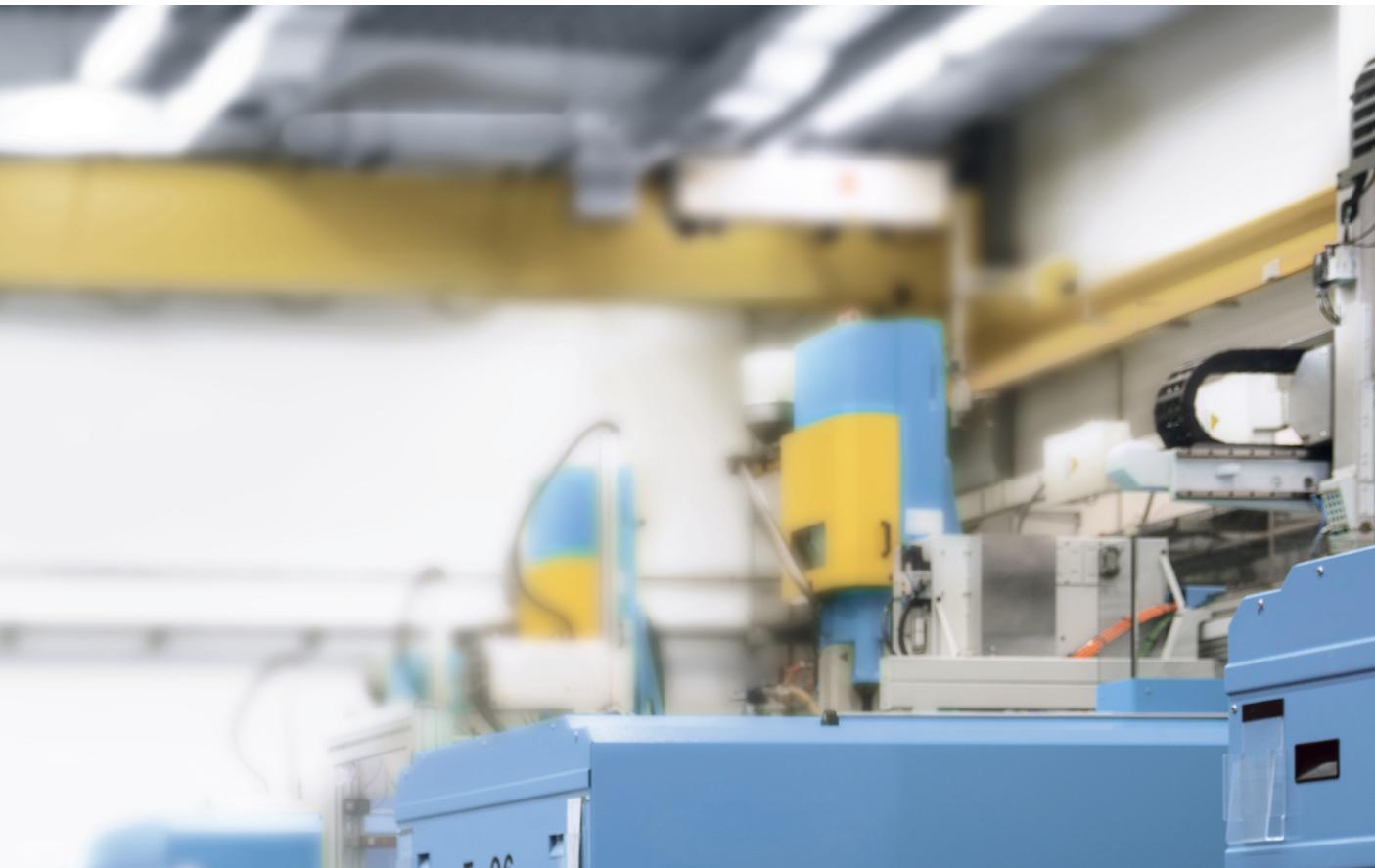


HellermannTyton offers a comprehensive range of enclosures for the electrical installation, contracting and panel building industry. Key considerations have to be thought through when specifying an enclosure for electrical installation and at HellermannTyton we offer a vast range of enclosures for this purpose. High quality materials are used to ensure the installation fulfils even the highest safety requirements. Materials of the enclosures can be split into two main groups: steel enclosures and plastic enclosures. Each of these respective groups have sub-groups i.e. plastic lists materials such as GRP, polycarbonate or polyester, while steel can be mild steel or even stainless steel.





4.7 Enclosures

Specification and Material Overview	109
Wall Mounted Steel Enclosures, Mounting Plates and Accessories.....	113
Wall Mounted Stainless Steel Enclosures and Accessories.....	125
Floor Standing Steel Enclosures, Mounting Plates and Accessories	127
Steel Industrial Boxes and Accessories.....	131
GRP Wall Mounted Enclosures, Mounting Plates and Accessories.....	137
GRP Floor Standing Enclosures and Accessories	144
Polyester/Polycarbonate Modular Enclosures and Accessories	146
Junction Boxes and Mounting Plates.....	158
Distribution Boards	161
Thermal Management	165
 4.8 Gel Technology	168
 4.9 Cast Resin Technology.....	175





Specification Overview

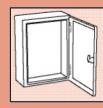
Steel

TYPE	Material	Colour	IP Rating	IK Rating	Page No.
NSYCRN (single door)	Mild steel	RAL7035	IP66	IK10	113
NSYCRN (double door)	Mild steel	RAL7035	IP55	IK10	114
HT	Mild steel	RAL7035	IP66	IK10	121
NSYS3X	304 grade stainless steel	Scotch-Brite® brushed	IP66	IK10	125
NSYSM	Mild steel	RAL7035	IP55	IK10	127
NSYSBM	Mild steel	RAL7035	IP66	IK10	131
NSYDBN	Mild steel	RAL7035	IP55	IK07	136
NSYDAN	Mild steel	RAL7035	IP55	IK07	136

Specification Overview

Plastic

TYPE	Material	Colour	IP Rating	IK Rating	Page No.
BRES	GRP	RAL7035	IP66	IK10	137
NSYPLM32G	Polycarbonate	RAL7035	IP66	IK10	141
NSYPLMG	GRP	RAL7035	IP66	IK10	141
NSYPLAG (single door)	GRP	RAL7035	IP65	IK10	144
NSYPLAG (double door)	GRP	RAL7035	IP65	IK10	144
CA	Polyester with polycarbonate lid	RAL7035	IP66	IK10	146
NSYPLS	GRP with polycarbonate lid	RAL7035	IP65	IK09	150
NSYPLSP	GRP	RAL7035	IP65	IK09	151
NSYTBS	ABS	RAL7035	IP66	IK07	154
NSYTBP	Polycarbonate	RAL7035	IP66	IK08	156



Enclosures

Material Overview

Properties of GRP (Glass Reinforced Polyester)

The mechanical properties of GRP include good insulation, strength, hardness and stability over a temperature range between -50°C to +150°C. GRP is resistant to mineral acids, oxidants and reducing agents, neutral and acid solutions, greases, oils and some alcohols. It also offers an electrical advantage in that, as an excellent insulator, it can offer protection from electric shock. When exposed to flame it is self extinguishing, which significantly reduces the risk of fire. Some GRP enclosures are halogen-free and so are ideal for use in areas where public safety is paramount. However, contact with methyl alcohol, alkaline solutions, amines, gaseous ammonia and its solution should be avoided.

It should be noted that when any work is carried out on the enclosure, cut or exposed surfaces, holes or edges should be treated to avoid moisture ingress. Damage to the surface may also result in moisture ingress into the material through the exposed glass fibres.

Properties of ABS (Acrylonitrile Butadiene Styrene)

Usually produced in the same design as polycarbonate enclosures, ABS is a cheaper material with characteristics similar to polycarbonate but not suitable for such extremes of temperatures and having a lower impact strength. ABS and polycarbonate may be combined offering an enclosure with an ABS base and a polycarbonate lid. When exposed to flame, it is not necessarily self-extinguishing.

Properties of PVC (Poly Vinyl Chloride)

PVC is used for moulding small plastic boxes. It has excellent resistance to mineral acids (both dilute and concentrated), alkalis and detergents. Resistance to alcohol-based solvents is good but poor to ketones, and hydrocarbons. Although it is a self-extinguishing material, PVC does give off toxic and corrosive gases when burned. PVC has a low UV resistance and can be brittle.

Properties of Mild Steel

Mild steel is the most widely used material for general-purpose enclosures and is generally regarded as the most cost effective. Mild steel is an ideal material for fabrications, hole punching and forming and is easily welded to form permanent bonds. The downside of mild steel is that it offers little in the way of corrosion resistance making it largely unsuitable for outdoor applications or installations in a corrosive environment.

Properties of Stainless Steel

Stainless steel is capable of withstanding more aggressive environments and can provide a suitable solution for outdoor applications. In some applications, such as food manufacturing, food processing and pharmaceutical production it offers additional hygiene benefits and is commonly used where hygiene, cleanliness and corrosion resistance are important. Stainless steel offers a number of other advantages: it does not deteriorate when exposed to ultra violet light, it is a low-maintenance material and it may be less expensive than surface-treated mild steel. In choosing stainless steel, however, it is important to get the correct grade of stainless. Standard stock enclosures, covering the majority of industrial beverage and dairy industries, are made from grade 304. If the operating conditions are more demanding, such as a highly corrosive, salt-laden environment, grade 316 would be specified.

Specification Considerations

A key consideration for the specification of an enclosure is its IP rating. IP ratings are defined in the IEC 60529 standard for degrees of protection provided by enclosures, published in the UK as BS EN 60529. Degrees of protection are specified by the letters IP followed by two or more digits. The first digit, a number 1 to 6, reflects the degree of protection for internal components from the ingress of objects, plus the protection of persons against contact with live parts of the equipment within the enclosure. The second digit, a number from 1 to 8, relates to the protection of equipment within the enclosure against harmful ingress of moisture, caused by spray, drips or immersion.

It is important to avoid opting automatically for a higher IP rating in the belief that this reflects a higher performance, because this may mean that the enclosure will not do the job required in that particular application. For example, an enclosure may pass the test for a high level of protection against ingress of water but when installed may be subject to environmental conditions that could cause rusting or damage. To ensure that the choice of enclosure is both cost-effective and provides the performance required, it is important to understand the conditions and environment in which the enclosure is situated. You should also remember that IP ratings refer to the ability of an enclosure to pass the tests under controlled conditions, not its ability to withstand additional influences such as weather conditions, corrosive environments or extreme temperatures.



Enclosures

Material Overview

Outdoors

When an enclosure is used outdoors consideration must be given to the prevailing weather conditions and extremes of temperature.

These conditions will determine choice of material and accessories; for example, canopies, heaters, vents and thermal management systems; and special finishes like anti-condensation paint.

The Cooling Effect

A standard enclosure will probably allow rainfall to run around the outside of various gasketed areas. If the internal temperature is reduced rapidly, the pressure inside a high IP rated enclosure may be significantly lower than the ambient pressure outside, thereby inducing a suction effect through the gasketed areas. This could result in moisture around the gaskets being drawn into the enclosure.

This effect may be avoided by reducing the number of gasketed areas in contact with the rain by choosing an enclosure with gutters and/or fitting a rain hood. Alternatively to equalise the pressure quickly, controlled ventilation would allow the enclosure to breathe, although this may reduce the IP rating of the enclosure.

Condensation

Condensation is often mistaken for water ingress. It is caused by a difference in temperature between the inner and outer surfaces of an enclosure and normally forms on the same side as the prevailing wind. Apart from water lying in the bottom of the enclosure, moisture may condense on the components causing electrical 'leakage' and 'tracking' as well as component corrosion and degradation of insulation.

The most common solutions are to fit anti-condensation heaters, controlled ventilation or use of anti-condensation paint.

UV Protection

UV stabilizers are added to polycarbonate to help protect the material from the effects of exposure to the sun. Radiation from the sun, especially in the UV portion of the spectrum, degrades the properties of polycarbonate which could cause warping or discolouration. The addition of UV stabilizers allows the material to sustain exposure to the sun for a longer period of time.

Corrosive Environments

In certain applications enclosures will need protection from chemicals and selection of the right material is determined by the chemical involved. The most likely choice is stainless steel but even then care must be taken to ensure the correct grade is selected. Some non-metallic materials have excellent resistance to certain chemicals and poor resistance to others. It is also important to remember that the components within the enclosure may also need protecting, for example, protection from harmful gases.

Marine, Coastal and Off-shore

Coastal, external applications can usually be covered by referring to the previous 'outdoors' element of this section and then paying particular attention to the treatments or materials chosen to address the extra corrosion likely from the salt laden atmosphere. Off-shore specifications depend on the intended location of the enclosure e.g. a relatively low IP rated enclosure in an accommodation area through to a very high rating on a ship's deck.

Hose-down areas

Enclosures in these areas are usually in processing plants when the environment is subject to special regulations. The enclosures chosen are usually free of surface treatment to avoid contamination, for example, by paint flakes entering the production process. In practice most users choose stainless steel design, which have few external features, for ease of cleaning. Various non-metallic products offer the same benefits but a stainless steel enclosure will maintain the best appearance.



Enclosures

IP Ratings

First numeral		Second numeral		Third numeral	
Protection against solid bodies		Protection against liquids		Mechanical protection	
IP		IP		IK	
0		0		0	
0	No protection	0	No protection	0	No protection
1		1		01	
1	Protected against solid bodies greater than 50 mm (e.g. involuntary hand contact)	1	Protected against dripping water (condensation)	02	
2		2		03	
2	Protected against solid bodies greater than 12 mm (e.g. fingers)	2	Protected against falling water up to 15° from the vertical	04	
3		3		05	
3	Protected against solid bodies greater than 2.5 mm (e.g. tools, cables...)	3	Protected against rain water up to 60° from the vertical	06	
4		4		07	
4	Protected against solid bodies greater than 1 mm (e.g.: small tools, fine cables...)	4	Protected against water splashing in all directions	08	
5		5		09	
5	Protected against dust (no harmful deposits)	5	Protected against water jets from all directions	10	
6		6			
6	Fully protected against dust	6	Protected against wave-like water jets from all directions		
7		7			
7		7	Protected against immersion		
8		8			
8		8	Protected against the effects of prolonged immersion under water		



NSYCRN

Mild Steel Wall Mounted Enclosures

Steel enclosures made from a continuous length of sheet steel. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint.

Features and Benefits

- Welded studs on the back for direct fixing of mounting plates and other accessories
- Drill holes for wall fixings are sealed with the supplied plastic plugs to maintain degree of protection
- Concealed and easily removable hinges allow the easy reversal of the door, as well as enabling 120° door opening
- Foamed-in polyurethane gasket and front rain gutter ensures high degree of protection
- IK10
- Suitable for use indoors
- Supplied with a double bar lock as standard



Mild Steel Wall Mounted Enclosure.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYCRN22150	200	200	150	IP66	1	1
NSYCRN23150	200	300	150	IP66	1	1
NSYCRN252150	250	200	150	IP66	1	1
NSYCRN325150	300	250	150	IP66	1	1
NSYCRN325200	300	250	200	IP66	1	1
NSYCRN33150	300	300	150	IP66	1	1
NSYCRN33200	300	300	200	IP66	1	1
NSYCRN34200	300	400	200	IP66	1	1
NSYCRN345150	300	450	150	IP66	1	1
NSYCRN43150	400	300	150	IP66	1	1
NSYCRN43200	400	300	200	IP66	1	1
NSYCRN44200	400	400	200	IP66	1	1
NSYCRN46250	400	600	250	IP66	1	1
NSYCRN46300	400	600	300	IP66	1	1
NSYCRN54150	500	400	150	IP66	1	1
NSYCRN54200	500	400	200	IP66	1	1
NSYCRN54250	500	400	250	IP66	1	1
NSYCRN55250	500	500	250	IP66	1	1
NSYCRN64150	600	400	150	IP66	1	1
NSYCRN64200	600	400	200	IP66	1	1
NSYCRN64250	600	400	250	IP66	1	1
NSYCRN65150	600	500	150	IP66	1	1
NSYCRN65200	600	500	200	IP66	1	1
NSYCRN65250	600	500	250	IP66	1	1
NSYCRN66200	600	600	200	IP66	1	1
NSYCRN66250	600	600	250	IP66	1	1
NSYCRN66300	600	600	300	IP66	1	1
NSYCRN68300	600	800	300	IP66	1	1
NSYCRN75200	700	500	200	IP66	1	1
NSYCRN75250	700	500	250	IP66	1	1
NSYCRN86200	800	600	200	IP66	1	1



NSYCRN

Mild Steel Wall Mounted Enclosures

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYCRN86250	800	600	250	IP66	1	1
NSYCRN86300	800	600	300	IP66	1	1
NSYCRNG86400*	800	600	400	IP66	1	1
NSYCRN88200	800	800	200	IP66	1	1
NSYCRN88300	800	800	300	IP66	1	1
NSYCRNG810300D*	800	1000	300	IP55	2	1
NSYCRNG812300D*	800	1200	300	IP55	2	1
NSYCRN106250	1000	600	250	IP66	1	1
NSYCRN106300	1000	600	300	IP66	1	1
NSYCRNG106400*	1000	600	400	IP66	1	1
NSYCRN108250	1000	800	250	IP66	1	1
NSYCRN108300	1000	800	300	IP66	1	1
NSYCRNG108400*	1000	800	400	IP66	1	1
NSYCRNG1010300D*	1000	1000	300	IP55	2	1
NSYCRNG1012300D*	1000	1200	300	IP55	2	1
NSYCRNG1012400D*	1000	1200	400	IP55	2	1
NSYCRNG126300*	1200	600	300	IP66	1	1
NSYCRNG126400*	1200	600	400	IP66	1	1
NSYCRNG128300*	1200	800	300	IP66	1	1
NSYCRNG128400*	1200	800	400	IP66	1	1
NSYCRNG1210300D*	1200	1000	300	IP55	2	1
NSYCRNG1210400D*	1200	1000	400	IP55	2	1
NSYCRNG1212300D*	1200	1200	300	IP55	2	1
NSYCRNG1212400D*	1200	1200	400	IP55	2	1
NSYCRNG1410300D*	1400	1000	300	IP55	2	1



* NSYCRNG enclosures supplied with a 3 point locking system



NSYCRN T

Mild Steel Wall Mounted Enclosures with Glazed Door

Steel enclosures with a transparent door. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint to IK08.

Features and Benefits

- Easily reversible door, as well as enabling 110° door opening
- IK08
- Tempered glass transparent door
- NSYCRNG enclosures supplied with a 3 point locking system
- Suitable for use indoors
- Supplied with a double bar lock as standard



TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYCRN325150T	300	250	150	IP66	1	1
NSYCRN325200T	300	250	200	IP66	1	1
NSYCRN33150T	300	300	150	IP66	1	1
NSYCRN33200T	300	300	200	IP66	1	1
NSYCRN34200T	300	400	200	IP66	1	1
NSYCRN43150T	400	300	150	IP66	1	1
NSYCRN43200T	400	300	200	IP66	1	1
NSYCRN44200T	400	400	200	IP66	1	1
NSYCRN46250T	400	600	250	IP66	1	1
NSYCRN46300T	400	600	300	IP66	1	1
NSYCRN54150T	500	400	150	IP66	1	1
NSYCRN54200T	500	400	200	IP66	1	1
NSYCRN54250T	500	400	250	IP66	1	1
NSYCRN55250T	500	500	250	IP66	1	1
NSYCRN64150T	600	400	150	IP66	1	1
NSYCRN64200T	600	400	200	IP66	1	1
NSYCRN64250T	600	400	250	IP66	1	1
NSYCRN65150T	600	500	150	IP66	1	1
NSYCRN65200T	600	500	200	IP66	1	1
NSYCRN65250T	600	500	250	IP66	1	1
NSYCRN66200T	600	600	200	IP66	1	1
NSYCRN66250T	600	600	250	IP66	1	1
NSYCRN66300T	600	600	300	IP66	1	1
NSYCRN68300T	600	800	300	IP66	1	1
NSYCRN75200T	700	500	200	IP66	1	1
NSYCRN75250T	700	500	250	IP66	1	1
NSYCRN86200T	800	600	200	IP66	1	1
NSYCRN86250T	800	600	250	IP66	1	1
NSYCRN86300T	800	600	300	IP66	1	1
NSYCRNG86400T	800	600	400	IP66	1	1
NSYCRN88200T	800	800	200	IP66	1	1
NSYCRN88300T	800	800	300	IP66	1	1
NSYCRN106250T	1000	600	250	IP66	1	1
NSYCRN106300T	1000	600	300	IP66	1	1
NSYCRNG106400T	1000	600	400	IP66	1	1
NSYCRN108250T	1000	800	250	IP66	1	1
NSYCRN108300T	1000	800	300	IP66	1	1
NSYCRNG108400T	1000	800	400	IP66	1	1
NSYCRNG1010300T	1000	1000	300	IP55	2	1
NSYCRNG126300T	1200	600	300	IP66	1	1
NSYCRNG126400T	1200	600	400	IP66	1	1
NSYCRNG128300T	1200	800	300	IP66	1	1
NSYCRNG128400T	1200	800	400	IP66	1	1



NSYMM

Galvanised Steel Mounting Plates to suit
NSYCRN/NSYPLMG/NSYS3X Enclosures

Galvanised steel plates with cut-outs for ease of installation.

Features and Benefits

- Suitable for use with a range of enclosures.
- Other materials are available on request.



Galvanised Steel Mounting Plate.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Height of plate mm	Width of plate mm	Pack Cont.
NSYMM22	200	200	150	150	1
NSYMM23	200	300	150	250	1
NSYMM2520	250	200	200	150	1
NSYMM32	300	200	250	150	1
NSYMM3025	300	250	250	200	1
NSYMM33	300	300	250	250	1
NSYMM43	300	400	250	350	1
NSYMM3045	300	450	250	400	1
NSYMM44	400	400	350	350	1
NSYMM64	400	600	350	550	1
NSYMM54	500	400	450	350	1
NSYMM55	500	500	450	450	1
NSYMM65	600	500	550	450	1
NSYMM66	600	600	550	550	1
NSYMM75	700	500	650	450	1
NSYMM76	700	600	650	550	1
NSYMM86	800	600	750	550	1
NSYMM88	800	800	750	750	1
NSYMM106	1000	600	950	550	1
NSYMM108	1000	800	950	750	1
NSYMM1010	1000	1000	950	950	1
NSYMM126	1200	600	1150	550	1
NSYMM128	1200	800	1150	750	1
NSYMM1210	1200	1000	1150	950	1
NSYMM1212	1200	1200	1150	1150	1
NSYMM1410	1400	1000	1350	950	1



NSYCAG

Louvre Plates

To be fitted in the surface of the enclosure for internal ventilation. Coated in texturized RAL7035 grey paint.



Louvre Plate.

TYPE	Height mm	Width mm	Pack Cont.
NSYCAG110X46M	144	62	1
NSYCAG180X62M	208	90	1
NSYCAG216X62M	244	90	1
NSYCAG317X91M	345	118	1
NSYCAG317X120M	345	148	1
NSYCAG417X120M	445	148	1

EX Spacer Studs

Hexagonal Spacer Studs

Hexagonal spacers for raising mounting plates and other equipment. They can be linked together to achieve variable heights with gradual elevation.

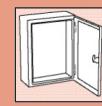


Spacer Studs.

TYPE	Height mm	Width mm	Pack Cont.
EX206	20	6	1
EX306	30	6	1
EX406	40	6	1
EX408	40	8	1
EX506	50	6	1
EX508	50	8	1
EX1006	100	6	1



Other sizes available on request



NSYDPA

Document Pocket

Polystyrene document wallets in A5, A4 and A3 size that are mounted with adhesive tape. RAL7035



Document Pocket.

TYPE	Height mm	Width mm	Depth mm	Document format	Colour	Pack Cont.
NSYDPA5	174	188	22	A5	RAL7035	1
NSYDPA4	230	248	22	A4	RAL9001	1
NSYDPA44	234	278	40	A4	RAL7035	1
NSYDPA3	258	476	35	A3	RAL7035	1

Touch Up Paint

RAL7035 Touch Up Paint

A fast drying, long lasting touch up paint in RAL7035 designed to cover cosmetic damage to the surface of the enclosure.



Touch Up Paint.

TYPE	Size	Colour	Pack Cont.
6180400016	400ml	RAL7035	1



Electrical Installation

Wall Mounted Steel Enclosures, Mounting Plates and Accessories

Locks

Locks and keys to suit NSYCRN Enclosures

A range of locks to suit the NSYCRN range of enclosures.



Key Lock.

TYPE	Description	Pack Cont.
NSYCL405CRN	Full key operated lock with 405 key for NSYCRN enclosures	1
NSYTEL405ML	Full key operated lock with 405 key for NSYCRNG enclosures	1
NSYTL405SML	Full key operated handle lock with 405 key for NSYCRNG enclosures	1
NSYCDB3	Replacement double bar lock with NSYCRN enclosures	1
NSYDBP	Replacement key for double bar lock (wing key) for NSYCRN and NSYPLM enclosures	1
NSYKPLM	Stainless steel padlock bracket for NSYCRN, NSYPLM and NSY53X enclosures	1
NSYCBCCRN	Padlock system for NSYCRN enclosures	1
NSYLDB5	Key for double bar lock for NSYCRN, NSYCRNG, NSYPLM and NSYPLA enclosures	1



Other keys available on request

NSYSDCR

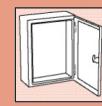
Depth Adjustable Supports to suit NSYCRN/NSYS3X Enclosures

For 200, 250, 300 and 400mm depth enclosures. The different positions allow the adjusting of mounting plates and accessories every 12.5mm.



Depth Adjustable Supports.

TYPE	Enclosure Depth mm	Pack Cont.
NSYSDCR200	200	Set of 4
NSYSDCR250	250	Set of 4
NSYSDCR300	300	Set of 4
NSYSDCR400	400	Set of 4



NSYPPFCR

Wall fixing kit to suit NSYCRN enclosures

Manufactured in galvanised steel. Fitted from the outside.

Can be mounted vertically or horizontally.



Wall Fixing Kit.

TYPE	Pack Cont.
NSYPPFCR	Set of 4

NSYPIN

Internal Door to suit NSYCRN/NSYS3X Enclosures

Internal doors to attach directly to the enclosure or to the adjustable NSYSDCR supports. Finished in texturized polyester epoxy paint in RAL7035.



Internal Door.

TYPE	Height mm	Width mm	Pack Cont.
NSYPIN43	400	300	1
NSYPIN54	500	400	1
NSYPIN64	600	400	1
NSYPIN75	700	500	1
NSYPIN86	800	600	1
NSYPIN106	1000	600	1
NSYPIN108	1000	800	1
NSYPIN126	1200	600	1
NSYPIN128	1200	800	1

**HT****Mild Steel Wall Mounted Enclosures complete with Back Plate**

Steel enclosures made from a continuous length of sheet steel. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint.

Features and Benefits

- Easily reversible door, as well as enabling 110° door opening
- Watertight gasket to guarantee the degree of protection
- Customised enclosures can be produced to accommodate specific dimensions, RAL colour requirements, and cable entries or cut outs (moq would apply)
- IK10
- Suitable for use indoors



Wall Mounted Enclosure.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
HT252015	250	200	150	IP66	1	1
HT302515	300	250	150	IP66	1	1
HT302520	300	250	200	IP66	1	1
HT303015	300	300	150	IP66	1	1
HT303020	300	300	200	IP66	1	1
HT304020	300	400	300	IP66	1	1
HT403015	400	300	150	IP66	1	1
HT403020	400	300	200	IP66	1	1
HT404020	400	400	200	IP66	1	1
HT406020	400	600	200	IP66	1	1
HT503020	500	300	200	IP66	1	1
HT504015	500	400	150	IP66	1	1
HT504020	500	400	200	IP66	1	1
HT504025	500	400	250	IP66	1	1
HT505025	500	500	250	IP66	1	1
HT604015	600	400	150	IP66	1	1
HT604020	600	400	200	IP66	1	1
HT604025	600	400	250	IP66	1	1
HT605015	600	500	150	IP66	1	1
HT605020	600	500	200	IP66	1	1
HT605025	600	500	250	IP66	1	1
HT606020	600	600	200	IP66	1	1
HT606025	600	600	250	IP66	1	1
HT606030	600	600	300	IP66	1	1
HT608030	600	800	300	IP66	1	1
HT705020	700	500	200	IP66	1	1
HT705025	700	500	250	IP66	1	1
HT806020	800	600	200	IP66	1	1
HT806025	800	600	250	IP66	1	1
HT806030	800	600	300	IP66	1	1



Comes with mounting plate



Enclosures over 1000mm high supplied with a 3 point locking system



HT

Mild Steel Wall Mounted Enclosures complete with Back Plate

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
HT808030	800	800	300	IP66	1	1
HT10010030	1000	1000	300	IP66	1	1
HT1006025	1000	600	250	IP66	1	1
HT1006030	1000	600	300	IP66	1	1
HT1008025	1000	800	250	IP66	1	1
HT1008030	1000	800	300	IP66	1	1
HT1206030	1200	600	300	IP66	1	1
HT1010300	1000	1000	300	IP66	1	1
HT12080300	1200	800	300	IP66	1	1
HT12080400	1200	800	400	IP66	1	1



HTT

Mild Steel Wall Mounted Enclosures with Glazed Door complete with Back Plate

Steel enclosures with a transparent door. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint .

Features and Benefits

- Easily reversible door, as well as enabling 110° door opening
- Watertight gasket to guarantee the degree of protection
- 4mm thick tempered glass used for the transparent door
- IK09
- Suitable for use indoors
- Supplied with double bar lock as standard



Glazed Door Wall Mounted Enclosure.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
HTT303015	300	300	150	IP66	1	1
HTT403015	400	300	150	IP66	1	1
HTT403020	400	300	200	IP66	1	1
HTT404020	400	400	200	IP66	1	1
HTT504015	500	400	150	IP66	1	1
HTT504020	500	400	200	IP66	1	1
HTT504025	500	400	250	IP66	1	1
HTT505025	500	500	250	IP66	1	1
HTT604015	600	400	150	IP66	1	1
HTT604020	600	400	200	IP66	1	1
HTT606020	600	600	200	IP66	1	1
HTT606025	600	600	250	IP66	1	1
HTT705020	700	500	200	IP66	1	1
HTT705025	700	500	250	IP66	1	1
HTT806020	800	600	200	IP66	1	1
HTT806025	800	600	250	IP66	1	1
HTT806030	800	600	300	IP66	1	1



Comes with mounting plate



Locks

Locks and Keys to suit HT Enclosures

A range of locks and keys to suit the range of HT wall mounted enclosures.



Lock and Key HTFOK.

TYPE	Description	Pack Cont.
HTFOK	Full key operated lock with 405 key	1
LOCK&KEY	Replacement double bar lock	1
HTKLK	Replacement key for double bar lock	1

SP

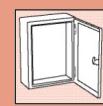
Height Adjustment Elements to suit HT Enclosures

For 150, 200, 250, 300 and 400mm depth enclosures. The different positions allow the position of mounting plates and accessories to be adjusted to suit the requirement.



Height adjustable elements.

TYPE	Enclosure Depth mm	Pack Cont.
SP150	150	Set of 4
SP200	200	Set of 4
SP250	250	Set of 4
SP300	300	Set of 4
SP400	400	Set of 4



HTWBRK

Wall Fixing Kit to suit HT Enclosures

Manufactured in galvanised steel. Fitted from the outside.
Can be mounted vertically or horizontally.



Wall Fixing Kit.

TYPE	Pack Cont.
HTWBRK	Set of 4



NSYS3X

Grade 304 Stainless Steel Wall Mounted Enclosures

Stainless steel enclosures suitable for corrosive environments and installations requiring strict hygiene. They are ideal for the chemical, petrochemical and food industries etc.

Features and Benefits

- AST brush finish, providing anti-corrosion properties
- Manufactured in AISI304 stainless steel as standard, but can be produced in AISI316 grade (resistant to concentrated acids) on request
- Concealed and easily removable hinges allow the easy reversal of the door, as well as enabling 120° door opening
- IK10
- Supplied with a double bar lock as standard



Stainless Steel Wall Mounted Enclosure.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYS3X3215	300	200	150	IP66	1	1
NSYS3X302515	300	250	150	IP66	1	1
NSYS3X3315	300	300	150	IP66	1	1
NSYS3X4315	400	300	150	IP66	1	1
NSYS3X4320	400	300	200	IP66	1	1
NSYS3X4420	400	400	200	IP66	1	1
NSYS3X5420	500	400	200	IP66	1	1
NSYS3X6420	600	400	200	IP66	1	1
NSYS3X6625	600	600	250	IP66	1	1
NSYS3X7525	700	500	250	IP66	1	1
NSYS3X8625	800	600	250	IP66	1	1
NSYS3X8830	800	800	300	IP66	1	1
NSYS3X10830	1000	800	300	IP66	1	1
NSYS3X12830	1200	800	300	IP66	1	1



316 grade stainless steel enclosures and accessories available on request



Locks

Locks and Keys to suit NSYS3X Enclosures

A range of locks to suit the NSYS3X stainless steel enclosures.



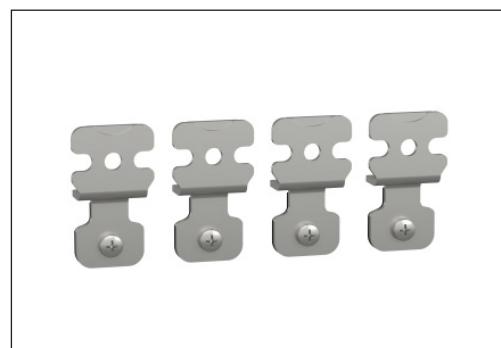
Lock to suit Stainless Steel Enclosures.

TYPE	Description	Pack Cont.
NSYCL405CSX	Full key operated handle lock with 405 key	1
NSYSTDCSX	Chrome plated Zamak double bar lock	1
NSYSTDCHX	Stainless steel double bar lock	1

NSYPFCX

Wall Fixing Kit to suit NSYS3X Enclosures

Manufactured in 304 grade stainless steel. Fitted from the outside. Can be mounted vertically or horizontally.



Wall Fixing Kit.

TYPE	Description	Pack Cont.
NSYPFCX	Wall fixing kit	Set of 4



For other accessories, please see pages 117-120 of the Additions Catalogue



NSYSM

Mild Steel Floor Standing Enclosures Complete with Mounting Plate

Steel enclosures made as a single piece with rear welded panel. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint.



Mild Steel Floor Standing Enclosures.

Features and Benefits

- Easily reversible door with reinforcement frame, enabling 120° door opening
- 4 locking points system with handle and 5mm double bar insert
- IK08
- Suitable for use indoors

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYSM12830P	1200	800	300	IP55	1	1
NSYSM1210302DP	1200	1000	300	IP55	2	1
NSYSM1212402DP	1200	1200	400	IP55	2	1
NSYSM14630P	1400	600	300	IP55	1	1
NSYSM14640P	1400	600	400	IP55	1	1
NSYSM14830P	1400	800	300	IP55	1	1
NSYSM14840P	1400	800	400	IP55	1	1
NSYSM1410402DP	1400	1000	400	IP55	2	1
NSYSM1412402DP	1400	1200	400	IP55	2	1
NSYSM16630P	1600	600	300	IP55	1	1
NSYSM16640P	1600	600	400	IP55	1	1
NSYSM16830P	1600	800	300	IP55	1	1
NSYSM16840P	1600	800	400	IP55	1	1
NSYSM1610302DP	1600	1000	300	IP55	2	1
NSYSM1610402DP	1600	1000	400	IP55	2	1
NSYSM1612302DP	1600	1200	300	IP55	2	1
NSYSM1612402DP	1600	1200	400	IP55	2	1
NSYSM18630P	1800	600	300	IP55	1	1
NSYSM18640P	1800	600	400	IP55	1	1
NSYSM18650P	1800	600	500	IP55	1	1
NSYSM18830P	1800	800	300	IP55	1	1
NSYSM18840P	1800	800	400	IP55	1	1
NSYSM18850P	1800	800	500	IP55	1	1
NSYSM18860P	1800	800	600	IP55	1	1
NSYSM181040P	1800	1000	400	IP55	1	1
NSYSM1810402DP	1800	1000	400	IP55	2	1



Comes with mounting plate





NSYSM

Mild Steel Floor Standing Enclosures complete with mounting plate

TYPE	Height mm	Width mm	Depth mm	Number of doors	IP Rating	Pack Cont.
NSYSM1810502DP	1800	1000	500	2	IP55	1
NSYSM1812402DP	1800	1200	400	2	IP55	1
NSYSM1812502DP	1800	1200	500	2	IP55	1
NSYSM1816402DP	1800	1600	400	2	IP55	1
NSYSM1816502DP	1800	1600	500	2	IP55	1
NSYSM20630P	2000	600	300	1	IP55	1
NSYSM20640P	2000	600	400	1	IP55	1
NSYSM20650P	2000	600	500	1	IP55	1
NSYSM20830P	2000	800	300	1	IP55	1
NSYSM20840P	2000	800	400	1	IP55	1
NSYSM20850P	2000	800	500	1	IP55	1
NSYSM20860P	2000	800	600	1	IP55	1
NSYSM2010402DP	2000	1000	400	2	IP55	1
NSYSM2010502DP	2000	1000	500	2	IP55	1
NSYSM2012402DP	2000	1200	400	2	IP55	1
NSYSM2012502DP	2000	1200	500	2	IP55	1
NSYSM2012602DP	2000	1200	600	2	IP55	1
NSYSM2016402DP	2000	1600	400	2	IP55	1
NSYSM2016502DP	2000	1600	500	2	IP55	1
NSYSM2016602DP	2000	1600	600	2	IP55	1



Locks

Locks suitable for use on NSYSM Enclosures

A range of locks suitable for use on NSYSM enclosures.
Replacements, double bar inserts and key inserts.



NSYSFHS1 Lock.

TYPE	Description	Pack Cont.
NSYSFHS1*	Replacement handle for NSYSM boxes	1
NSYINDB31	3mm double bar insert	1
NSYINDB51	5mm double bar insert	1
NSYIN405E1	405 key insert	1



NSYSFHS1 is not supplied with an insert: both handle and insert are required for a full lock transformation



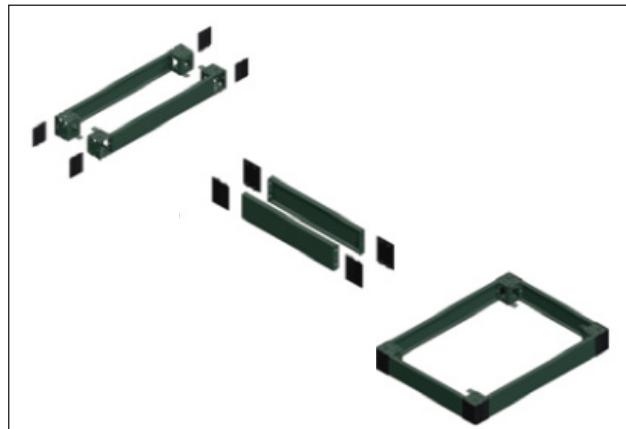
NSYSP

100mm plinths suitable for use on NSYSM enclosures

The complete plinth consists of two elements; the front and rear kit (determined by the length of the enclosure) and the side panels (determined by the depth of the enclosure) - to be ordered separately.

Features and Benefits

- Robust design
- Can be fixed from the inside or the outside of the enclosure depending on the application



Both front panels and side panels required to assemble complete plinth.

TYPE		Width of Enclosure mm	Depth of Enclosure mm	Height of Plinth mm	Pack Cont.
Front Panels	Side Panels				
NSYSPF3100	NSYSPS5100	300	500	100	2
NSYSPF3100	NSYSPS6100	300	600	100	2
NSYSPF4100	NSYSPS4100	400	400	100	2
NSYSPF4100	NSYSPS5100	400	500	100	2
NSYSPF4100	NSYSPS6100	400	600	100	2
NSYSPF4100	NSYSPS8100	400	800	100	2
NSYSPF6100	NSYSPS3100	600	300	100	2
NSYSPF6100	NSYSPS4100	600	400	100	2
NSYSPF6100	NSYSPS5100	600	500	100	2
NSYSPF6100	NSYSPS6100	600	600	100	2
NSYSPF6100	NSYSPS8100	600	800	100	2
NSYSPF8100	NSYSPS3100	800	300	100	2
NSYSPF8100	NSYSPS4100	800	400	100	2
NSYSPF8100	NSYSPS5100	800	500	100	2
NSYSPF8100	NSYSPS6100	800	600	100	2
NSYSPF8100	NSYSPS8100	800	800	100	2
NSYSPF10100	NSYSPS3100	1000	300	100	2
NSYSPF10100	NSYSPS4100	1000	400	100	2
NSYSPF10100	NSYSPS5100	1000	500	100	2
NSYSPF10100	NSYSPS6100	1000	600	100	2
NSYSPF10100	NSYSPS8100	1000	800	100	2
NSYSPF12100	NSYSPS3100	1200	300	100	2
NSYSPF12100	NSYSPS4100	1200	400	100	2
NSYSPF12100	NSYSPS5100	1200	500	100	2
NSYSPF12100	NSYSPS6100	1200	600	100	2
NSYSPF12100	NSYSPS8100	1200	800	100	2
NSYSPF16100	NSYSPS4100	1600	400	100	2
NSYSPF16100	NSYSPS5100	1600	500	100	2
NSYSPF16100	NSYSPS6100	1600	600	100	2



Please note that the front panels and side panels must be ordered separately



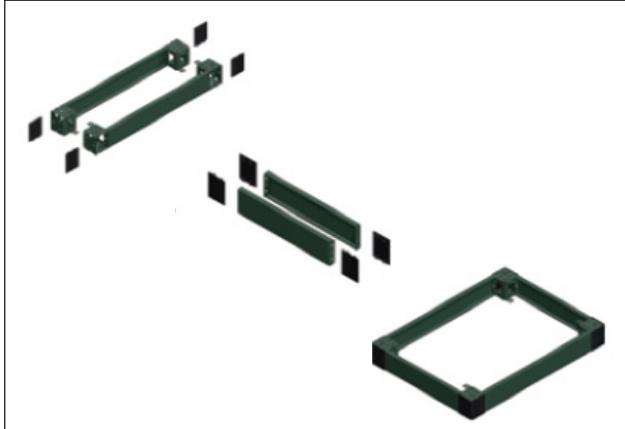
NSYSP

200mm plinths suitable for use on NSYSM enclosures

The complete plinth consists of two elements; the front and rear kit (determined by the length of the enclosure) and the side panels (determined by the depth of the enclosure) - to be ordered separately.

Features and Benefits

- Robust design
- Can be fixed from the inside or the outside of the enclosure depending on the application



Both front panels and side panels required to assemble complete plinth.

TYPE		Width of Enclosure mm	Depth of Enclosure mm	Height of Plinth mm	Pack Cont.
Front Panels	Side Panels				
NSYSPF6200	NSYSPS4200	600	400	200	2
NSYSPF6200	NSYSPS6200	600	600	200	2
NSYSPF8200	NSYSPS3200	800	300	200	2
NSYSPF8200	NSYSPS4200	800	400	200	2
NSYSPF8200	NSYSPS6200	800	600	200	2
NSYSPF10200	NSYSPS3200	1000	300	200	2
NSYSPF12200	NSYSPS4200	1200	400	200	2
NSYSPF6200	NSYSPS3200	600	300	200	2
NSYSPF10200	NSYSPS4200	1000	400	200	2
NSYSPF6200	NSYSPS8200	600	800	200	2
NSYSPF8200	NSYSPS8200	800	800	200	2
NSYSPF12200	NSYSPS3200	1200	300	200	2
NSYSPF4200	NSYSPS4200	400	400	200	2
NSYSPF4200	NSYSPS5200	400	500	200	2
NSYSPF4200	NSYSPS6200	400	600	200	2
NSYSPF6200	NSYSPS5200	600	500	200	2
NSYSPF8200	NSYSPS5200	800	500	200	2
NSYSPF10200	NSYSPS5200	1000	500	200	2
NSYSPF10200	NSYSPS6200	1000	600	200	2
NSYSPF12200	NSYSPS5200	1200	500	200	2
NSYSPF12200	NSYSPS6200	1200	600	200	2
NSYSPF16200	NSYSPS4200	1600	400	200	2
NSYSPF16200	NSYSPS5200	1600	500	200	2
NSYSPF3200	NSYSPS5200	300	500	200	2
NSYSPF3200	NSYSPS6200	300	600	200	2
NSYSPF4200	NSYSPS8200	400	800	200	2
NSYSPF10200	NSYSPS8200	1000	800	200	2
NSYSPF12200	NSYSPS8200	1200	800	200	2
NSYSPF16200	NSYSPS6200	1600	600	200	2



Please note that the front panels and side panels must be ordered separately



NSYSBM

Mild Steel Industrial Boxes

Mild steel enclosures with a plain lid, with a polyester powder finish in RAL7035. Ideal for use in a wide range of industrial machines and building functions.

Features and Benefits

- Direct wall-mounting (4 x Ø 10 mm holes with sealing plugs to maintain the IP rating) or with the help of fixing lugs installed from the outside (to be ordered separately, please see the specific accessory pages)
- Extension box (please see page 132) available to increase the range of sizes available
- Equipped with 4 or 6 half-turn thread screws (6 screws provided for boxes with a width greater than 400mm) to ensure maximum watertightness.
- IK10



Mild Steel Industrial Box.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYSBM15158	150	150	80	IP66	1
NSYSBM15208	150	200	80	IP66	1
NSYSBM15308	150	300	80	IP66	1
NSYSBM15408	150	400	80	IP66	1
NSYSBM20208	200	200	80	IP66	1
NSYSBM20308	200	300	80	IP66	1
NSYSBM20408	200	400	80	IP66	1
NSYSBM20508	200	500	80	IP66	1
NSYSBM20608	200	600	80	IP66	1
NSYSBM151512	150	150	120	IP66	1
NSYSBM152012	150	200	120	IP66	1
NSYSBM153012	150	300	120	IP66	1
NSYSBM154012	150	400	120	IP66	1
NSYSBM202012	200	200	120	IP66	1
NSYSBM203012	200	300	120	IP66	1
NSYSBM204012	200	400	120	IP66	1
NSYSBM205012	200	500	120	IP66	1
NSYSBM206012	200	600	120	IP66	1
NSYSBM208012	200	800	120	IP66	1
NSYSBM303012	300	300	120	IP66	1
NSYSBM304012	300	400	120	IP66	1
NSYSBM305012	300	500	120	IP66	1
NSYSBM306012	300	600	120	IP66	1
NSYSBM308012	300	800	120	IP66	1
NSYSBM404012	400	400	120	IP66	1
NSYSBM405012	400	500	120	IP66	1
NSYSBM406012	400	600	120	IP66	1
NSYSBM408012	400	800	120	IP66	1



NSYSBMC

Mild Steel Industrial Boxes with FL21 Cable Entry

Mild steel enclosures with a plain lid and two or more FL21 cable gland plates, with a polyester powder finish in RAL7035.

Features and Benefits

- Two or more FL21 cable gland plates for easy drilling and to guarantee the maximum access area, supplied with the enclosure.
- Equipped with 4 or 6 half-turn thread screws (6 screws provided for boxes with a width greater than 400mm) to ensure maximum watertightness.
- IK10



Mild Steel Industrial Box with cable entry plain door.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYSBMC153012	150	300	120	IP55	1
NSYSBMC154012	150	400	120	IP55	1
NSYSBMC203012	200	300	120	IP55	1
NSYSBMC204012	200	400	120	IP55	1
NSYSBMC206012	200	600	120	IP55	1
NSYSBMC208012	200	800	120	IP55	1
NSYSBMC303012	300	300	120	IP55	1
NSYSBMC304012	300	400	120	IP55	1
NSYSBMC306012	300	600	120	IP55	1
NSYSBMC308012	300	800	120	IP55	1
NSYSBMC404012	400	400	120	IP55	1
NSYSBMC406012	400	600	120	IP55	1
NSYSBMC408012	400	800	120	IP55	1

NSYSBMB

Mild Steel Industrial Boxes with FL21 Cable Entry and Glazed Door

Mild steel enclosures supplied with FL21 cable gland plates, a hinged cover with a transparent polycarbonate window and a DIN rail. Polyester powder finish in RAL7035.



Mild Steel Industrial Box with a glazed door.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYSBMB203012	200	300	120	IP55	1
NSYSBMB204012	200	400	120	IP55	1
NSYSBMB206012	200	600	120	IP55	1
NSYSBMB208012	200	800	120	IP55	1

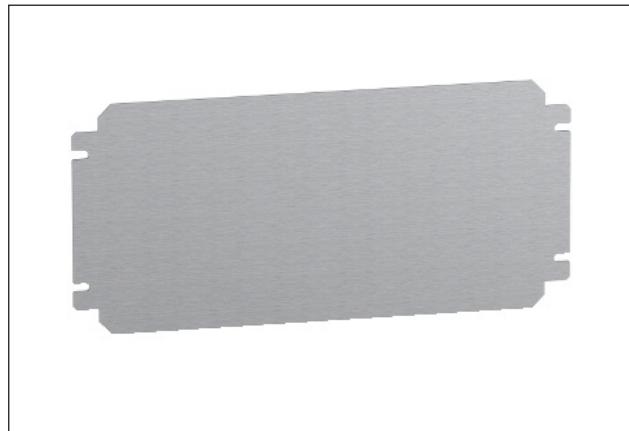


NSYMM

Mounting Plates to suit NSYSBM, NSYSBMC and NSYSBMB Enclosures

Galvanised steel plates with cut-outs for ease of installation.

- Other materials are available on request



Galvanised Steel Mounting Plate.

TYPE	Height mm	Width mm	Pack Cont.
NSYMM11SB	150	150	1
NSYMM12SB	150	200	1
NSYMM13SB	150	300	1
NSYMM14SB	150	400	1
NSYMM22SB	200	200	1
NSYMM23SB	200	300	1
NSYMM24SB	200	400	1
NSYMM25SB	200	500	1
NSYMM26SB	200	600	1
NSYMM28SB	200	800	1
NSYMM33SB	300	300	1
NSYMM34SB	300	400	1
NSYMM35SB	300	500	1
NSYMM36SB	300	600	1
NSYMM38SB	300	800	1
NSYMM44SB	400	400	1
NSYMM45SB	400	500	1
NSYMM46SB	400	600	1
NSYMM48SB	400	800	1



Other materials are available on request



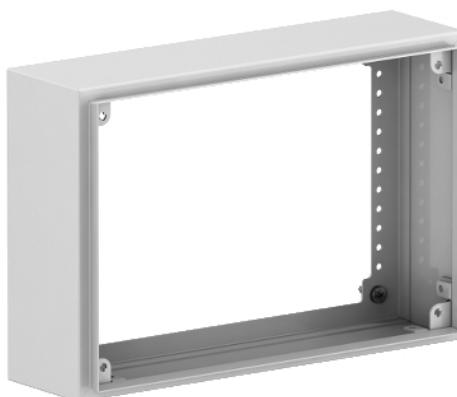
NSYAES

Mild Steel Extension Box for use with NSYSBM and NSYSBMC Enclosures

Extension box that fits onto the corresponding box of the same height and width.

Features and Benefits

- Improved ergonomics and accessibility inside the box
- Increases the interior depth of the box by 80mm
- Maintains IP66 rating (if one extension box is used)



Extension Box.

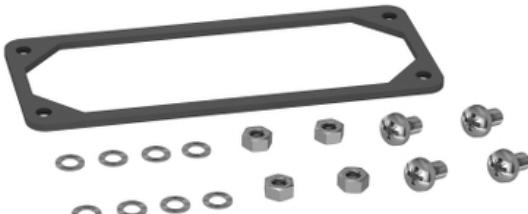
TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYAES228SB	200	200	80	IP66	1
NSYAES238SB	200	300	80	IP66	1
NSYAES248SB	200	400	80	IP66	1
NSYAES258SB	200	500	80	IP66	1
NSYAES268SB	200	600	80	IP66	1
NSYAES338SB	300	300	80	IP66	1
NSYAES348SB	300	400	80	IP66	1
NSYAES358SB	300	500	80	IP66	1
NSYAES368SB	300	600	80	IP66	1

NSYAEU

Coupling kit suitable for use with NSYSBM and NSYSBMC Enclosures

Kit to enable NSYSBM and NSYSBMC boxes to be coupled together in any combination through the FL21 cable entry openings.

Supplied as one sealing gasket and necessary fixing elements.



Coupling Kit.

TYPE	IP Rating	Pack Cont.
NSYAEUBU148	IP55	1



NSYAEDHSB

Hinges suitable for use with NSYSBM and NSYSBMC Enclosures

The hinges allow the cover to open to more than 180°.

Features and Benefits

- Can be used in conjunction with all covers in the NSYSBM range
- A specific mark on the body indicates where the hole should be drilled
- 3 hinges are required for boxes with a width greater than 500mm



Hinges.

TYPE	Description	Pack Cont.
NSYAEDHSB	Hinges	6

NSYAEFPFSB

Wall Fixing Lugs suitable for use with NSYSBM / NSYSBMC and NSYSBMB enclosures

Wall fixing lugs to be mounted directly onto the rear of the box either in a horizontal or vertical position.

Features and Benefits

- Can be used in conjunction with all covers in the NSYSBM range
- A specific mark on the body indicates where the hole should be drilled



Wall Fixing Lugs.

TYPE	Description	Pack Cont.
NSYAEFPFSB	Wall Fixing Lugs	Set of 4



NSYDBN

Mild Steel Junction Box

Mild steel junction box, both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint.

Features and Benefits

- PVC sealing gasket
- Back ready for threaded drill holes
- Enclosures that are 155x105 and larger have four M4 threaded holes fitted with removable plugs for the direct fixing of the mounting plate



Mild Steel Junction Box.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYDBN88	85	85	49	IP55	1
NSYDBN1010	105	105	49	IP55	1
NSYDBN1510	155	105	61	IP55	1
NSYDBN2015	206	156	83	IP55	1
NSYDBN2520	256	206	93	IP55	1
NSYDBN3025	307	257	116	IP55	1
NSYDBN3530	357	307	136	IP55	1
NSYDAN1510	155	105	88	IP55	1
NSYDAN2015	206	156	122	IP55	1
NSYDAN2520	256	206	140	IP55	1
NSYDAN3025	307	257	174	IP55	1
NSYDAN3530	357	307	210	IP55	1



Hinged version available on request

NSYPMD

Mounting plates to suit NSYDBN and NSYDAN Enclosures

Features and Benefits

- Plain mounting plates with cut-outs for ease of installation



Mounting Plate.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
NSYPMD1510	155	105	1
NSYPMD2015	206	156	1
NSYPMD2520	256	206	1
NSYPMD3025	307	257	1
NSYPMD3530	357	307	1



Electrical Installation

GRP Wall Mounted Enclosures, Mounting Plates and Accessories

BRES

GRP Wall Mounted Enclosures

A range of heat moulded enclosures made from reinforced polyester with 30% glass fibre in RAL7035.

Features and Benefits

- Self extinguishing material as per ASTM D635
- Resistant against rusting and corrosion by chemical or atmospheric agents
- Door hinges allow a 180° opening
- Plinths and other accessories available on request
- IK10
- Maximum working temperature ranges from -30°C to +120°C



BRES Enclosure.

Type	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
BRES325	300	250	140	IP66	1
BRES43	400	300	200	IP66	1
BRES44	400	400	200	IP66	1
BRES54	500	400	200	IP66	1
BRES64	600	400	230	IP66	1
BRES65	600	500	230	IP66	1
BRES83	800	300	230	IP66	1
BRES86	800	600	300	IP66	1

BRES P

GRP Wall Mounted Enclosures with Glazed Door

A range of heat moulded enclosures with a glazed door. Made from reinforced polyester with 30% glass fibre in RAL7035.

Features and Benefits

- Self extinguishing material as per ASTM D635
- Resistant against rusting and corrosion by chemical or atmospheric agents
- Door hinges allow a 180° opening
- IK10
- Maximum working temperature ranges from -30°C to +120°C



BRES Enclosure with Glazed Door.

Type	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
BRES325P	300	250	140	IP66	1
BRES43P	400	300	200	IP66	1
BRES44P	400	400	200	IP66	1
BRES54P	500	400	200	IP66	1
BRES64P	600	400	230	IP66	1
BRES65P	600	500	230	IP66	1
BRES83P	800	300	230	IP66	1
BRES86P	800	600	300	IP66	1



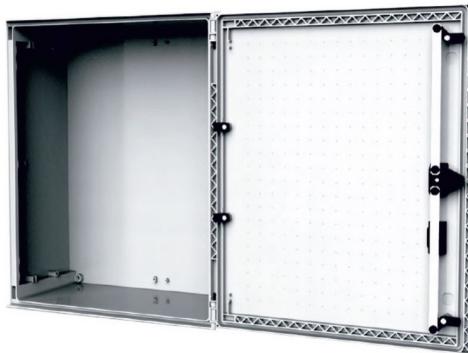
BRES 3L

GRP Wall Mounted Enclosures with 3-point Locking system

A range of heat moulded enclosures made from reinforced polyester with 30% glass fibre in RAL7035

Features and Benefits

- Self extinguishing material as per ASTM D635
- Resistant against rusting and corrosion by chemical or atmospheric agents.
- Door hinges allow a 180° opening
- 3-point locking system offers greater security and the facility to use a padlock to secure the door



BRES Enclosure with 3-point Locking System.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
BRES433L	400	300	200	IP66	1
BRES443L	400	400	200	IP66	1
BRES543L	500	400	200	IP66	1
BRES643L	600	400	230	IP66	1
BRES653L	600	500	230	IP66	1
BRES833L	800	300	230	IP66	1
BRES863L	800	600	300	IP66	1



Plinths and other accessories available on request

PBM

Metal Mounting Plate to suit BRES Enclosures

A range of metal plates for use with BRES range of enclosures.



Metal Mounting Plate.

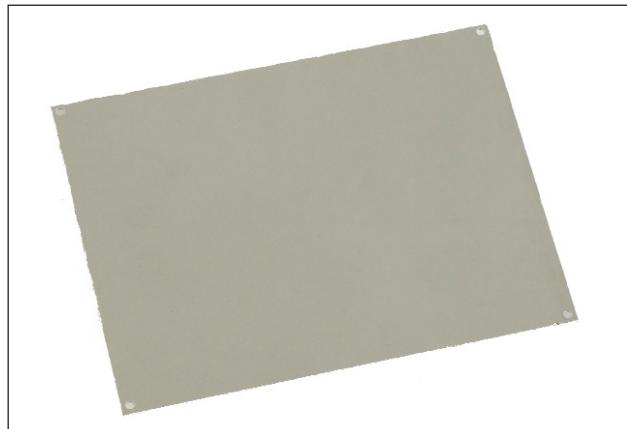
TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
PBM325	300	250	1
PBM43	400	300	1
PBM44	400	400	1
PBM54	500	400	1
PBM64	600	400	1
PBM65	600	500	1
PBM83	800	300	1
PBM86	800	600	1



PBP

Polyester Mounting plate to suit BRES Enclosures

A range of polyester mounting plates suitable for use with BRES range of enclosures.



Polyester Mounting Plate.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
PBP325	300	250	1
PBP43	400	300	1
PBP44	400	400	1
PBP54	500	400	1
PBP64	600	400	1
PBP65	600	500	1
PBP83	800	300	1
PBP86	800	600	1

SDP

Adjustable Bracket to suit BRES Enclosures

A set of 4 wall fixing brackets to suit the BRES range of enclosures.

Features and Benefits

- Suitable for use with 200, 230 & 300mm deep enclosures



Adjustable Bracket.

TYPE	Enclosure Depth mm	Pack Cont.
SDP200	200	4
SDP230	230	4
SDP300	300	4



OFM

Wall Mounting Kit to suit BRES Enclosures

A set of 4 wall fixing brackets to suit the BRES range of enclosures.

Features and Benefits

- Can be fitted vertically or horizontally



Wall Mounting Kit.

TYPE	Description	Pack Cont.
OFM14	Wall Mounting Kit	Set of 4

Locks

Key Lock to suit BRES Enclosures

Locks and accessories to suit the BRES range of enclosures.



Key Lock.

TYPE	Description	Pack Cont.
CML12	405 type key lock	1
CBC13INOX	Stainless steel padlock device	1
CDB-10	Replacement double bar lock	1



NSYPLMG

GRP Wall Mounted Enclosures

A range of wall mounted enclosures made from polyester reinforced with fibreglass, moulded by hot compression in RAL 7035 grey.

Features and Benefits

- Door hinges allow a 180°C opening
- NSYPLM108G supplied with a 4 point locking mechanism
- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents
- Working temperature from -50°C to +150°C
- For indoor or outdoor use
- IK10



GRP Wall Mounted Enclosures.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYPLM32G	310	215	160	IP66	1
NSYPLM3025G	308	255	160	IP66	1
NSYPLM43G	430	330	200	IP66	1
NSYPLM54G	530	430	200	IP66	1
NSYPLM64G	647	436	250	IP66	1
NSYPLM75G	747	536	300	IP66	1
NSYPLM86G	847	636	300	IP66	1
NSYPLM108G	1056	852	350	IP66	1

*NSYPLM32G made from ABS/PC



For back plates see page 116



NSYPLM TG

GRP Wall Mounted Enclosures with Glazed Door

Wall mounting enclosures made from GRP, moulded by hot compression in RAL 7035 grey with a glazed door.

Features and Benefits

- Door hinges allow a 180° opening
- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents.
- Maximum working temperature ranges from -50°C to +150°C
- For indoor or outdoor use
- IK10
- NSYPLM108TG supplied with a 4 point locking system



GRP Glazed Door Enclosure.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYPLM32TG	310	215	160	IP66	1
NSYPLM3025TG	308	255	160	IP66	1
NSYPLM43TG	430	330	200	IP66	1
NSYPLM54TG	530	430	200	IP66	1
NSYPLM64TG	647	436	250	IP66	1
NSYPLM75TG	747	536	300	IP66	1
NSYPLM86TG	847	636	300	IP66	1
NSYPLM108TG	1056	852	350	IP66	1

*NSYPLM32G made from ABS/PC



Locks

Locks to suit NSYPLMG Enclosures

Locks and accessories to suit the NSYPLMG range of enclosures.



NSYCDBPLM Lock.

TYPE	Description	Pack Cont.
NSYTL405PLM	Full key operated lock with 405 key	1
NSYCDBPLM	Replacement double bar lock	1
NSYKPLM	Stainless steel padlock bracket	1

NSYPFPLMG

Wall Fixing Kit to suit NSYPLMG Enclosures

Wall fixing kit which is manufactured in polyamide.



Wall Fixing Kit.

TYPE	To fit Enclosures	Pack Cont.
NSYPFPLM32G	NSYPLMG32	Set of 4
NSYPFPLMG	NSYPLMG3025 to NSYPLMG108	Set of 4



For other accessories please see pages
117-120 of the Additions Catalogue



NSYPLAG

GRP Floor Standing Enclosures

A range of floor standing enclosures made from polyester reinforced with fibreglass, moulded by hot compression in RAL 7035 grey.

Features and Benefits

- Door hinges allow a 120° opening
- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents.
- Maximum working temperature ranges from -50°C to +150°C
- For indoor or outdoor use
- IK10
- Enclosures over 1000m height are supplied with a 4 point locking system



Floor Standing Enclosure.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of Doors	Pack Cont.
NSYPLA553G	500	500	320	IP65	1	1
NSYPLA554G	500	500	420	IP65	1	1
NSYPLA573G	500	750	320	IP65	1	1
NSYPLA574G	500	750	420	IP65	1	1
NSYPLA5103G	500	1000	320	IP65	2	1
NSYPLA5104G	500	1000	420	IP65	2	1
NSYPLA5123G	500	1250	320	IP65	2	1
NSYPLA5124G	500	1250	420	IP65	2	1
NSYPLA753G	750	500	320	IP65	1	1
NSYPLA754G	750	500	420	IP65	1	1
NSYPLA773G	750	750	320	IP65	1	1
NSYPLA774G	750	750	420	IP65	1	1
NSYPLA7103G	750	1000	320	IP65	2	1
NSYPLA7104G	750	1000	420	IP65	2	1
NSYPLA7123G	750	1250	320	IP65	2	1
NSYPLA7124G	750	1250	420	IP65	2	1
NSYPLA1053G	1000	500	320	IP65	1	1
NSYPLA1054G	1000	500	420	IP65	1	1
NSYPLA1073G	1000	750	320	IP65	1	1
NSYPLA1074G	1000	750	420	IP65	1	1
NSYPLA10103G	1000	1000	320	IP65	2	1
NSYPLA10104G	1000	1000	420	IP65	2	1
NSYPLA10123G	1000	1250	320	IP65	2	1
NSYPLA10124G	1000	1250	420	IP65	2	1
NSYPLA1253G	1250	500	320	IP65	1	1
NSYPLA1254G	1250	500	420	IP65	1	1
NSYPLA1273G	1250	750	320	IP65	1	1
NSYPLA1274G	1250	750	420	IP65	1	1
NSYPLA12103G	1250	1000	320	IP65	2	1
NSYPLA12104G	1250	1000	420	IP65	2	1
NSYPLA12123G	1250	1250	320	IP65	2	1
NSYPLA12124G	1250	1250	420	IP65	2	1
NSYPLA1553G	1500	500	320	IP65	1	1
NSYPLA1554G	1500	500	420	IP65	1	1
NSYPLA1573G	1500	750	320	IP65	1	1
NSYPLA1574G	1500	750	420	IP65	1	1
NSYPLA15103G	1500	1000	320	IP65	2	1
NSYPLA15104G	1500	1000	420	IP65	2	1
NSYPLA15123G	1500	1250	320	IP65	2	1
NSYPLA15124G	1500	1250	420	IP65	2	1



NSYPMM

Galvanised Steel Mounting Plates to suit NSYPLAG Enclosure

Galvanised steel plates with cut-outs for ease of installation.



Mounting Plate.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
NSYPMM55	500	500	1
NSYPMM75	500	750	1
NSYPMM510	500	1000	1
NSYPMM55+NSYPMM75	500	1250	1
NSYPMM75	750	500	1
NSYPMM77	750	750	1
NSYPMM710	750	1000	1
NSYPMM712	750	1250	1
NSYPMM105	1000	500	1
NSYPMM107	1000	750	1
NSYPMM1010	1000	1000	1
NSYPMM1012	1000	1250	1
NSYPMM125	1250	500	1
NSYPMM127	1250	750	1
NSYPMM1210	1250	1000	1
NSYPMM1212	1250	1250	1
NSYPMM155	1500	500	1
NSYPMM157+NSYPMM157	1500	750	1
NSYPMM1510	1500	1000	1
NSYPMM1512	1500	1250	1

Other versions available on request

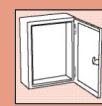
Locks

Locks to suit NSYPLAG Enclosures

TYPE	Description	Pack Cont.
NSYIN405E1	Lock insert with 405 key	1
NSYEBMPLA	Standard handle	1
NSYBCPLA	Padlock device	1
NSYINDB31	Double bar lock insert 3mm	1
NSYINDB51	Double bar lock insert 5mm	1



Please note that both the standard handle and the lock insert are required for a full lock transformation



CA S

Polyester/polycarbonate Modular Enclosures with Opaque Lid

Reinforced polyester modular enclosures in RAL7035.

Features and Benefits

- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents
- For indoor or outdoor use
- Maximum working temperature -30°C to +120°C
- IK10



Modular Enclosure with Opaque Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
CA1515S	135	135	130	IP66	1
CA215S	135	180	130	IP66	1
CA220S	180	180	130	IP66	1
CA315S	135	270	130	IP66	1
CA32S	180	270	170	IP66	1
CA33S	270	270	170	IP66	1
CA42S	180	360	170	IP66	1
CA43S	270	360	170	IP66	1
CA43AS	270	360	205	IP66	1
CA44S	360	360	170	IP66	1
CA44AS	360	360	205	IP66	1
CA63S	270	540	170	IP66	1
CA63AS	270	540	205	IP66	1
CA64S	360	540	170	IP66	1
CA64AS	360	540	205	IP66	1
CA66S	540	540	170	IP66	1
CA66AS	540	540	205	IP66	1
CA84AS	360	720	205	IP66	1
CA86AS	540	720	205	IP66	1



CA

Polyester/polycarbonate Modular Enclosures with Clear Lid

Reinforced polyester base in RAL7035, with polycarbonate clear lid.

Features and Benefits

- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents.
- For indoor or outdoor use
- Maximum working temperature -30°C to +120°C
- IK10



Modular Enclosure with Clear Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
CA1515	135	135	130	IP66	1
CA215	135	180	130	IP66	1
CA220	180	180	130	IP66	1
CA315	135	270	130	IP66	1
CA32	180	270	170	IP66	1
CA33	270	270	170	IP66	1
CA42	180	360	170	IP66	1
CA43	270	360	170	IP66	1
CA43A	270	360	205	IP66	1
CA44	360	360	170	IP66	1
CA44A	360	360	205	IP66	1
CA63	270	540	170	IP66	1
CA63A	270	540	205	IP66	1
CA64	360	540	170	IP66	1
CA64A	360	540	205	IP66	1
CA66	540	540	170	IP66	1
CA66A	540	540	205	IP66	1
CA84A	360	720	205	IP66	1
CA86A	540	720	205	IP66	1



The CA range can be fully customised to meet your requirements MOQ may apply

**PP****Polyester Mounting Plates to suit CA and CA S Enclosures**

A range of polyester mounting plates for use with the CA/CA S range of enclosures.

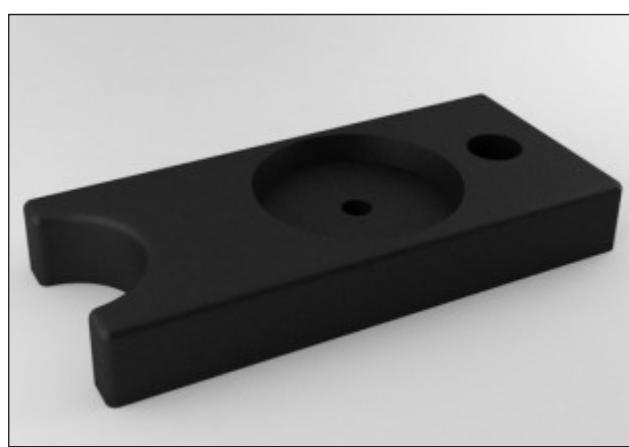


Polyester Mounting Plate.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
PP1515	135	135	1
PP215	135	180	1
PP220	180	180	1
PP315	135	270	1
PP32	180	270	1
PP33	270	270	1
PP42	180	360	1
PP43	270	360	1
PP44	360	360	1
PP63	270	540	1
PP64	360	540	1
PP66	540	540	1
PP84	360	720	1
PP86	540	720	1

OFC**Wall Fixing Brackets to suit CA Enclosures**

Brackets to secure enclosures to a wall or similar surface.
Suitable for all enclosures.



Wall Fixing Bracket.

TYPE	To fit Enclosures	Pack Cont.
OFC400	CA32 to CA86	Set of 4
OFC4000	CA1515 to CA315	Set of 4



BOBRE

External Hinges to suit CA Enclosures

External hinge used to adapt the CA range of modular enclosures from loose lid to hinged lid.



External Hinges.

TYPE	For use with	Pack Cont.
BOBREEXT	CA32 to CA86A	Set of 2

**NSYPLSCG****Polyester/polycarbonate Modular Boxes with Opaque Lid**

Insulated modular boxes with bases made of hot moulded fibreglass reinforced polyester, and lids made of polycarbonate in RAL 7035.

Features and Benefits

- Self extinguishing material
- Good resistance to UV and chemicals
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK09
- For indoor or outdoor use
- Maximum working temperature -30°C to 120°C



Modular Box with Opaque Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYPLSC1827G	180	270	180	IP65	1
NSYPLSC2727G	270	270	180	IP65	1
NSYPLSC2736G	270	360	180	IP65	1
NSYPLSC2754G	270	540	180	IP65	1
NSYPLSC3636G	360	360	180	IP65	1
NSYPLSC3654G	360	540	180	IP65	1
NSYPLSC5454G	540	540	180	IP65	1
NSYPLSC2727AG	270	270	230	IP65	1
NSYPLSC2736AG	270	360	230	IP65	1
NSYPLSC2754AG	270	540	230	IP65	1
NSYPLSC3654AG	360	540	230	IP65	1
NSYPLSC5454AG	540	540	230	IP65	1
NSYPLSC3672AG	360	720	230	IP65	1
NSYPLSC5472AG	540	720	230	IP65	1



Electrical Installation

Polyester/Polycarbonate Modular Enclosures and Accessories

NSYPLSG

Polyester/Polycarbonate Modular Boxes with Transparent Lid

Insulated modular boxes with bases made of hot moulded fibreglass reinforced polyester in RAL7035, and lids made of transparent polycarbonate.

Features and Benefits

- Self extinguishing material
- Good resistance to UV and chemicals
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK09
- For indoor or outdoor use
- Maximum working temperature -30°C to +120°C



Modular Enclosure with Transparent Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYPLS1827G	180	270	180	IP65	1
NSYPLS2727G	270	270	180	IP65	1
NSYPLS2736G	270	360	180	IP65	1
NSYPLS2754G	270	540	180	IP65	1
NSYPLS3636G	360	360	180	IP65	1
NSYPLS3654G	360	540	180	IP65	1
NSYPLS5454G	540	540	180	IP65	1
NSYPLS2727AG	270	270	230	IP65	1
NSYPLS2736AG	270	360	230	IP65	1
NSYPLS2754AG	270	540	230	IP65	1
NSYPLS3654AG	360	540	230	IP65	1
NSYPLS5454AG	540	540	230	IP65	1
NSYPLS3672AG	360	720	230	IP65	1
NSYPLS5472AG	540	720	230	IP65	1

NSYPLSPG

Polyester Modular Boxes with Opaque Lid

Insulated modular boxes and lids made of hot moulded fibreglass reinforced polyester in RAL7035.

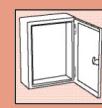


Modular Box with Opaque Lid.

Features and Benefits

- Self extinguishing material
- Good resistance to UV and chemicals
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK09
- For indoor or outdoor use
- Maximum working temperature -30°C to 120°C

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYPLSP1827G	180	270	180	IP65	1
NSYPLSP2727G	270	270	180	IP65	1
NSYPLSP2736G	270	360	180	IP65	1
NSYPLSP2754G	270	540	180	IP65	1
NSYPLSP3636G	360	360	180	IP65	1
NSYPLSP3654G	360	540	180	IP65	1
NSYPLSP5454G	540	540	180	IP65	1



NSYPMMG

Metal Mounting Plate to suit NSYPLSG Enclosures

A range of metal mounting plates suitable for use on the NSYPLS range of enclosures.



Metal Mounting Plates.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
NSYPMM1827	180	270	1
NSYPMM2727	270	270	1
NSYPMM2736	270	360	1
NSYPMM2754	270	540	1
NSYPMM3636	360	360	1
NSYPMM3654	360	540	1
NSYPMM5454	540	540	1
NSYPMM3672	360	720	1
NSYPMM5472	540	720	1

NSYPMA

Polyester Mounting Plate to suit NSYPLSG Enclosures

A range of polyester mounting plates suitable for use on the NSYPLS range of enclosures.



Polyester Mounting Plates.

TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
NSYPMA1827G	180	270	1
NSYPMA2727G	270	270	1
NSYPMA2736G	270	360	1
NSYPMA2754G	270	540	1
NSYPMA3636G	360	360	1
NSYPMA3654G	360	540	1
NSYPMA5454G	540	540	1
NSYPMA3672G	360	720	1
NSYPMA5472G	540	720	1



NSYBE27

Hinges to suit NSYPLSC / NSYPLS and NSYPLSP Enclosures

Plastic external hinges which allow the cover to open to more than 180°.



Plastic External Hinge.

TYPE	Description	Pack Cont.
NSYBE27G	Hinges	2

NSYPF27N

Wall Fixing Kit to suit NSYPLSC / NSYPLS and NSYPLSP Enclosures

Passivated zinc coated steel wall fixing lugs for use with NSYPLS enclosures.



Fixing Kit.

TYPE	Description	Pack Cont.
NSYPF27N	Wall fixing kit	Set of 4

**NSYTBS****ABS Industrial Boxes with Opaque Lid**

Industrial boxes made of ABS and coated in RAL7035 grey epoxy paint, opaque lid.

Features and Benefits

- Halogen free insulating plastic materials
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK07
- For indoor or outdoor use



ABS Industrial Box with Opaque Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYTBS775	74	74	54	IP66	1
NSYTBS885	89	89	54	IP66	1
NSYTBS1176	116	74	62	IP66	1
NSYTBS11116	116	116	62	IP66	1
NSYTBS1397	138	93	72	IP66	1
NSYTBS16128	164	121	87	IP66	1
NSYTBS19128	192	121	87	IP66	1
NSYTBS191210H	192	121	105	IP66	1
NSYTBS19168	193	164	87	IP66	1
NSYTBS191610H	193	164	105	IP66	1
NSYTBS24198	241	194	87	IP66	1
NSYTBS241910H	241	194	105	IP66	1
NSYTBS241912H	241	194	127	IP66	1
NSYTBS29248	291	241	88	IP66	1
NSYTBS292412	291	241	128	IP66	1
NSYTBS292412H	291	241	128	IP66	1
NSYTBS292416H	291	241	168	IP66	1
NSYTBS342912	341	291	128	IP66	1
NSYTBS342916H	341	291	168	IP66	1



Mounting plates and hinges available on request - Please contact customer services



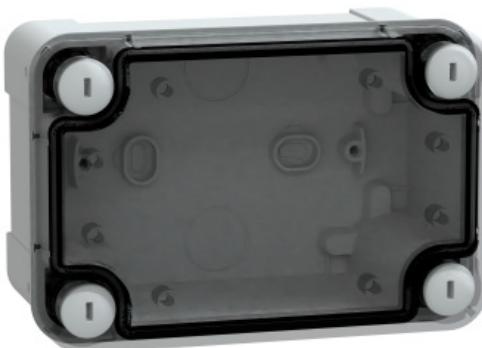
NSYTBS T

ABS Industrial Boxes with Smoked Transparent Lids

Industrial boxes made of ABS and coated in RAL7035 grey epoxy paint, complete with smoked transparent lid.

Features and Benefits

- Halogen free insulating plastic materials
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK07
- For indoor or outdoor use



ABS Industrial Box with Transparent Smoked Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYTBS1397T	138	93	72	IP66	1
NSYTBS16128T	164	121	87	IP66	1
NSYTBS19128T	192	121	87	IP66	1
NSYTBS191210HT	192	121	105	IP66	1
NSYTBS19168T	193	164	87	IP66	1
NSYTBS191610HT	193	164	105	IP66	1
NSYTBS24198T	241	194	87	IP66	1
NSYTBS241910HT	241	194	105	IP66	1
NSYTBS241912HT	241	194	127	IP66	1
NSYTBS29248T	291	241	88	IP66	1
NSYTBS292412T	291	241	128	IP66	1
NSYTBS292412HT	291	241	128	IP66	1
NSYTBS292416HT	291	241	168	IP66	1
NSYTBS342912T	341	291	128	IP66	1
NSYTBS342916HT	341	291	168	IP66	1



Mounting plates and hinges available on request - Please contact customer services

**NSYTB****Polycarbonate Industrial Boxes with Opaque Lid**

Industrial boxes made of polycarbonate and coated in RAL7035 grey epoxy paint.

Features and Benefits

- Halogen free insulating plastic materials
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK08
- For indoor or outdoor use



Polycarbonate Box with Opaque Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYTB775	74	74	54	IP66	1
NSYTB885	89	89	54	IP66	1
NSYTB1176	116	74	62	IP66	1
NSYTB11116	116	116	62	IP66	1
NSYTB1397	138	93	72	IP66	1
NSYTB16128	164	121	87	IP66	1
NSYTB19128	192	121	87	IP66	1
NSYTB191210H	192	121	105	IP66	1
NSYTB19168	193	164	87	IP66	1
NSYTB191610H	193	164	105	IP66	1
NSYTB24198	241	194	87	IP66	1
NSYTB241910H	241	194	105	IP66	1
NSYTB241912H	241	194	127	IP66	1
NSYTB29248	291	241	88	IP66	1
NSYTB292412	291	241	128	IP66	1
NSYTB292412H	291	241	128	IP66	1
NSYTB292416H	291	241	168	IP66	1
NSYTB342912	341	291	128	IP66	1
NSYTB342916H	341	291	168	IP66	1



**Mounting plates and hinges available
on request**



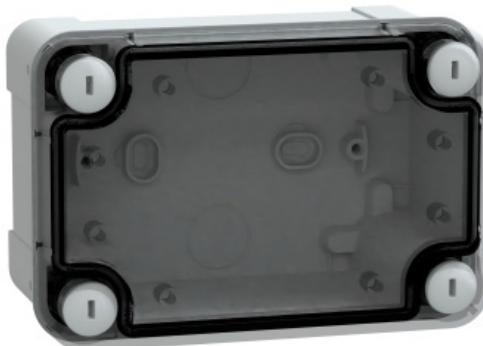
NSYTBP T

Polyester Industrial Boxes with Smoked Transparent Lids

Industrial boxes made of polyester and coated in RAL7035 grey epoxy paint, complete with smoked transparent lid.

Features and Benefits

- Halogen free insulating plastic materials
- Resistant against rusting and corrosion by chemical or atmospheric agents
- IK08
- For indoor or outdoor use



Polyester Box with Smoked lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
NSYTBP1397T	138	93	72	IP66	1
NSYTBP16128T	164	121	87	IP66	1
NSYTBP19128T	192	121	87	IP66	1
NSYTBP191210HT	192	121	105	IP66	1
NSYTBP19168T	193	164	87	IP66	1
NSYTBP191610HT	193	164	105	IP66	1
NSYTBP24198T	241	194	87	IP66	1
NSYTBP241910HT	241	194	105	IP66	1
NSYTBP241912HT	241	194	127	IP66	1
NSYTBP29248T	291	241	88	IP66	1
NSYTBP292412T	291	241	128	IP66	1
NSYTBP292412HT	291	241	128	IP66	1
NSYTBP292416HT	291	241	168	IP66	1
NSYTBP342912T	341	291	128	IP66	1
NSYTBP342916HT	341	291	168	IP66	1



Mounting plates and hinges available
on request



EL

Light Range Junction Boxes with Opaque Lids

Halogen free shock proof DS junction boxes with screw down lids in RAL 7035.

Features and Benefits

- Includes supports for installation of DIN rail and mounting plates
- IK07



Junction Box with Opaque lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
EL111	108	108	64	IP67	1
EL161	162	116	78	IP67	1
EL171	175	151	95	IP67	1
EL231	241	180	95	IP67	1
EL322	328	239	129	IP67	1
EXO88	95	95	50	IP54	1

i Versions with pre-moulded cable entries or transparent lids available on request

i Plastic and metal back plates also available on request

EP/EV

Adaptable Boxes with Opaque Lids

Watertight IP rated junction boxes with opaque cover and conical glands. RAL7035

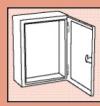
Features and Benefits

- RAL7035
- -25°C / +40°C
- Halogen Free
- IK07



Junction Box with Stepped Glands.

TYPE	Height mm	Width mm	Depth mm	Description	IP Rating	Pack Cont.
EP048	84	-	50	Round	IP54	1
EV111	121	121	68	Square	IP65	1



ASH

Adaptable Junction Boxes with Opaque Lids

Double insulated adaptable box with smooth walls and screw on lids in RAL 7035

Features and Benefits

- Double insulated
- IK08
- Installation temperature -15°C to +60°C



Junction Box with Opaque lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
ASH15	110	110	112	IP55	1
ASH25	150	110	150	IP55	1
ASH35	150	150	150	IP55	1
ASH45	220	150	150	IP55	1
ASH55	300	220	150	IP55	1

AS

Adaptable Junction Boxes with Opaque Lids

Plastic junction box with smooth walls and screw on lids in RAL 7035

Features and Benefits

- Double insulated
- IK08
- Installation temperature -15°C to +60°C



Junction Box Opaque lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
AS05	123	83	62	IP56	1
AS15	103	103	62	IP56	1
AS25	154	113	77	IP56	1
AS35	193	144	79	IP56	1
AS45	242	190	90	IP56	1
AS55	305	225	126	IP56	1
AS65	390	310	128	IP56	1



AS T

Adaptable Junction Boxes with Transparent Lids

Plastic adaptable box with smooth walls in RAL 7035 and screw on transparent lids

Features and Benefits

- Double insulated
- IK08
- Installation temperature -15°C to +60°C



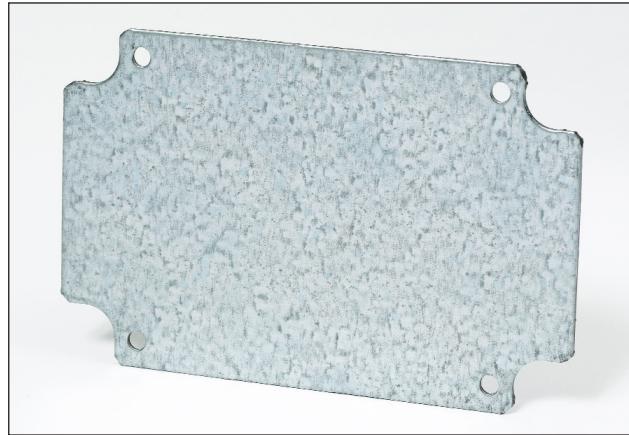
Junction Box Transparent Lid.

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.
AS35T	190	140	70	IP56	1
AS45T	240	190	90	IP56	1
AS55T	300	220	150	IP56	1
AS65T	390	310	128	IP56	1

PB

Metal Mounting Plates for use with AS and ASH Junction Boxes

Metal mounting plates with cut outs for ease of installation



Metal Mounting Plate.

TYPE	For use with	Pack Cont.
PB1	AS35/AS35T	1
PB2	AS45/AS45T	1
PB3	AS55/AS55T	1
PB4	AS65/AS65T	1
PB6	ASH25/ASH25T	1
PB7	ASH35/ASH35T	1
PB8	ASH45/ASH45T	1
PB9	ASH55/ASH55T	1



CDN

Distribution Boards

Distribution boards made from RAL 7035 polycarbonate with a smoked transparent window.

Features and Benefits

- For indoor or outdoor use
- Comes complete with earth and neutral bars
- IK08
- Range of temperature -25°C to +40°C



Distribution Boards.



MOQ may apply to some sizes

TYPE	Height mm	Width mm	Thickness mm	Number of Modules	Description	Pack Cont.
CDN4PTRR	231	166	113	1 x 4	Sup: 2 x M25 + 1 x M40	1
CDN6PTRR	231	202	113	1 x 6	Inf: 2 x M25 + 1 x M40 Sup: 2 x M25 + 1 x M40	1
CDN8PTRR	231	238	118	1 x 8	Inf: 2 x M25 + 1 x M40 Sup: 4 x M25 + 1 x M40	1
CDN12PTRR	246	310	148	1 x 12	Inf: 4 x M25 + 1 x M40 Sup: 6 M20 + 2 x M25 + 2 x M32 + 1 x M40 Inf: 6 M20 + 2 x M25 + 2 x	1
CDN18PTRR	286	418	148	1 x 18	Int: M32 + 1 x M40 Sup: 12 M20 + 6 x M25 + 2 x M32 + 1 x M40 Inf: 12 M20 + 6 x M25 + 2 x M32 + 1 x M40	1
CDN24PTRR	436	310	148	2 x 12	Int: 4 x M25 Sup: 8 M20 + 2 x M25 + 2 x M32 + 1 x M40 Inf: 6 M20 + 2 x M25 + 2 x M32 + 1 x M40	1
CDN36PT2FRR	436	418	148	2 x 18	Int: 4 x M25 Sup: 12 M20 + 6 x M25 + 2 x M32 + 1 x M40 Inf: 12 M20 + 6 x M25 + 2 x M32 + 1 x M40	1
CDN36PT3FRR	586	310	148	3 x 12	Int: 4 x M25 Sup: 8 M20 + 2 x M25 + 2 x M32 + 1 x M40 Inf: 6 M20 + 2 x M25 + 2 x M32 + 1 x M40	1
CDN54PTRR	586	418	148	3 x 18	Int: 4 x M25 Sup: 12 M20 + 6 x M25 + 2 x M32 + 1 x M40 Inf: 12 M20 + 6 x M25 + 2 x M32 + 1 x M40 Int: 4 x M25	1

**CT****Distribution Boards Without Door**

Surface mounting distribution board without a door.
Finished in RAL7035.

Features and Benefits

- IK08
- Installation temperature -15°C to +60°C
- MOQ may apply to some sizes



MOQ may apply to some sizes



Distribution Board without Door.

TYPE	Height mm	Width mm	Thickness mm	Number of Modules	IP Rating	Pack Cont.
CT2	51	130	60	1-2 pole	IP40	1
CT4	88	130	60	3-4 pole	IP40	1

CT PT**Distribution Boards with Transparent Door**

Surface mounting distribution board in RAL 7035
complete with transparent door

Features and Benefits

- IK09
- Installation temperature -15°C to +60°C



MOQ may apply to some sizes



Distribution Board c/w Transparent Door.

TYPE	Height mm	Width mm	Thickness mm	Number of Modules	IP Rating	Pack Cont.
CT5PT	144	168	94	4+1 smooth sides	IP40	1
CT8PT	215	168	94	8 smooth sides	IP40	1
CT12PT	283	168	94	12+1 smooth sides	IP40	1
CT24PT	256	326	101	24 smooth sides	IP40	1



CT

Wall Mounted Distribution Boards

Surface mounting distribution board in RAL 7035 complete with opaque door.

Features and Benefits

- IK09
- Installation temperature -15°C to +60°C



MOQ may apply to some sizes



Wall Mounted Distributor Board.

TYPE	Height mm	Width mm	Thickness mm	Description	IP Rating	Pack Cont.
CT3G	83	175	106	3 pole	IP55	1
CT5G	125	175	114	5 pole	IP55	1
CT8G	215	175	114	8 pole	IP55	1
CT12G	287	200	124	12 x 1 pole	IP55	1

CT GL

Distribution Boards with Provision for CEE Sockets

Surface mounting distribution board in RAL 7035 complete with opaque door and provisions for CEE sockets

Features and Benefits

- IK09
- Installation temperature -15°C to +60°C



MOQ may apply to some sizes



Distribution Boards with Provision for CEE Socket.

TYPE	Height mm	Width mm	Thickness mm	Description	IP Rating	Pack Cont.
CT24GL	285	375	136	24 way	IP65	1



Terminal support bars available on request



CK

Mini Distribution Boards

Mini boards for modular devices, complete with metric and PG system cable entries.

Features and Benefits

- IK09
- Installation temperature -35°C to +60°C



MOQ may apply to some sizes



Mini Distribution Boards.

TYPE	Height mm	Width mm	Depth mm	Description	IP Rating	Pack Cont.
CK003	90	150	111.5	3 modules	IP65	1
CK004	123	200	111.5	4 modules	IP65	1
CK006	159	200	111.5	6 modules	IP65	1
CK008	195	200	111.5	8 modules	IP65	1
CK012	267	200	111.5	12 modules	IP65	1

CK

Modular Distribution Boards

Modular boards to receive modular devices, complete with metric and PG system cable entries.

Features and Benefits

- IK09
- Installation temperature -35°C to +60°C



MOQ may apply to some sizes



Modular Distribution Board.

TYPE	Height mm	Width mm	Depth mm	Description	IP Rating	Pack Cont.
CK112	340	280	164	12 modules	IP65	1
CK118	448	280	164	18 modules	IP65	1
CK224	340	460	164	2 x 12 modules	IP65	1
CK236	448	460	164	2 x 18 modules	IP65	1
CK336	340	610	164	3 x 12 modules	IP65	1

**VC****Zerust®Diffuser**

Anti corrosion vapour capsules with adhesive backing offering protection against rust in sensitive areas, such enclosures containing ferrous and non-ferrous metal components. Quick and easy to install simply peel back the protective paper from the adhesive tape and install securely in the desired location. Metals will be protected from rust and tarnish for up to one or two years depending on the capsule model and environment.

Features and Benefits

- Snap in fixing system for use on panels with a thickness of 1.2mm to 2.4mm
- Screw kit included for other thicknesses
- Easy to install, economical to use
- Suitable for new equipment and to protect the reliability of existing equipment



Zerust Diffuser Capsule.

TYPE	VOLUME OF PROTECTION	RADIUS OF PROTECTION	DURATION OF PROTECTION	PACK CONT.
VC1-1	0.12 m ³	0.3m	1 year	1
VC2-1	0.95 m ³	0.6m	1 year	1
VC2-2	0.95 m ³	0.6m	2 years	1

ZAK-M22**Zerust®Diffuser**

ZAK-M22 diffuser emit Vapor Corrosion Inhibitors (VCI) that protect against the causes of corrosion. The capsules provide targeted corrosion protection in hard to reach places, and are used to protect electrical components and inside enclosures. Each capsule has a unique serial number and QR code printed on the label, this feature, used along with the Zerust® ZAP app, allows the user to be notified of the initial installation location and replacement schedule.

Features and Benefits

- Fast-acting VCI protection
- Unique QR code on every capsule and Zerust® ZAP app allows user to manage deployed capsules
- Multimetal protection that neutralizes contaminants
- Easy to install
- Suitable for new equipment and to protect the reliability of existing equipment



Zerust Diffuser Capsule.



Scan for more information on
the Zerust® app

TYPE	VOLUME OF PROTECTION	RADIUS OF PROTECTION	DURATION OF PROTECTION	PACK CONT.
ZAK-M22	35ft ³ (1m ³)	2ft (60cm)	2 years in tightly sealed enclosure	1